

Ames Laboratory

Professional and Scientific Level Description

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JOB TITLE: Scientist II

GRADE: 39

JOB SUMMARY: The Scientist II provides scientific direction to a major research program by conceiving scientific objectives, acquiring funding, managing a program or multiple projects, and sharing knowledge requiring successful and substantial scientific experience as demonstrated by a proven record of highly productive scholarly research. Research work at this level results in significant, well-recognized contributions to the discipline, as acknowledged by a national and international scientific community.

DUTIES AND RESPONSIBILITIES: Initiates, organizes and executes research of national and international interest. Serves as Principal Investigator on multiple research projects. Defends and directs new areas of research of national interest. Prepares, evaluates and defends research proposals. Successfully seeks outside sponsors for research activities. Implements research results into industrial practice through technology transfer activities. Judges the relative value of research programs through peer review of manuscripts and proposals. Authors and presents invited papers. Acts as scientific adviser to administrators. Establishes a pre-eminent national position in research discipline and provides consultative assistance to other researchers.

EDUCATION/EXPERIENCE: Ph.D. plus eight years of related research experience.

KNOWLEDGE, ABILITIES AND SKILLS: Substantial professional knowledge in a single discipline and broad knowledge of multiple fields. Extensive management skills and ability to significantly contribute to program success. Proven ability to obtain substantial funding for research.

EXTRAORDINARY WORKING CONDITIONS: May work in a laboratory environment with chemicals and/or research equipment. May require work at irregular hours to complete experimental processes. Travel to national and international meetings and technical conferences occurs on a regular basis.